

Amendments to the Claims

1. (Original) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure, the method comprising the steps of:
deciding whether an item is optionally selected out of the hierarchically structured OSD menu items;
deciding whether a user menu registration button for the optionally selected item is pressed;
registering the selected menu with the user menu by adding an index to the currently selected item once the user menu registration button is properly pressed;
displaying the registered user menu on an OSD menu if a user view menu is established; actuating a corresponding menu item when an optional item is selected among the user menu; and
deleting a menu item from the user menu if a deletion button is pressed on an optionally selected item out of the user menu.
2. (Original) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 1, wherein said user menu is setting if the user select 'main source' using the remote control.
3. (Original) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 1, wherein the user select 'special' item among the initial OSD menu using the remote control, then the hierarchically structured OSD menu is displayed.
4. (Original) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 1, wherein when the user menu displayed the user can choose certain item.
5. (Currently Amended) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 1, wherein said

registering step registers a specific user menu ; the user presses the 'user menu registration' button on the remote control, a microcomputer detects the user pressed button, and stores index data on the corresponding item into the user menu domain.

6. (Original) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 1, wherein a user can delete any item from the user menu at any time by deletion button on the remote control.

7. (Original) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 1, wherein a user can be optionally composed of display position of the user menu screen, size and color.

8. (Currently Amended) A method of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 1, wherein if the user wishes to see detailed items of 'main source' ~~presses confirm key~~, the user moves the cursor of the remote control and presses a confirm key.

9. (Currently Amended) An apparatus of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure, the apparatus comprising:

a graphics processing unit for graphically processing the OSD menu[.];

a memory for storing index data on the OSD menu to provide the data to the graphics processing unit[.];

a microcomputer for displaying the OSD menu or the user menu on the screen by controlling the said graphics processing unit and for actuating a corresponding menu item when an optional item is selected among the user menu[.]; and

a remote control having a deletion button for deleting a menu item from the user menu.

10. (Currently Amended) An apparatus of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 9, wherein said graphics processing unit displays the user menu on the screen.

11. (Currently Amended) An apparatus of composing a user menu for displaying On Screen Display (OSD) menu with a hierarchical structure of claim 9, wherein ~~graphics processing unit~~ said microcomputer includes a remote control signal receiving circuit.